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Attachment 1 to
IDEA-0221-68NRO IDEALIST COSTS

	<u>IDEALIST</u>	<u>COMMON IDEALIST SHARE</u>	<u>NEW EQUIPMENT</u>	<u>TOTAL</u>	25X1
FY 1966					
FY 1967					
FY 1968					
FY 1969					
FY 1970					
FY 1971					
FY 1972					
FY 1973					
FY 1974					

* Common and New Equipment included in IDEALIST

** Common included in IDEALIST

Average IDEALIST allotment FY68-74:

25X1

Includes the following average IDEALIST costs.
Similar items are not identified or defended in
SENIOR YEAR budget estimates:

25X1

Operations & Maintenance (O&M)

Salaries (Pilots & Maintenance Techs.)

NRO review(s) completed.



JUSTIFICATION - ASSIGNMENT OF 6 U-2R FOR PROJECT IDEALIST

The mission requirements of Project IDEALIST dictate that the U-2R be used in the increasingly hostile environment of covert overflight reconnaissance. It was from this IDEALIST requirements that the idea for the U-2R was conceived, i.e. a U-2 with more altitude, more range, and most importantly more capability for

25X1

[REDACTED] Project IDEALIST requires 6 U-2Rs to be capable of responding to the COMERIX world-wide reconnaissance requirements.

The typical distribution of these U-2R assets would be as follows:

25X1

[REDACTED]
3 at Detachment G (Edwards)

1 at LAC - in Modification, etc.

History has shown that the U-2C attrition rate to be one aircraft per year will occur. It is reasonable to assume that this attrition rate will remain the same with the U-2R's.



IDEALIST U-2 OVERFLIGHT MISSION SUMMARY (SORTIES)
FY 1967, 1968, 1969 AS OF 7 NOVEMBER 1968

CHINA

FY 67	11
FY 68	10
FY 69	<u>4</u> (AS OF 8 NOV 68)
TOTAL	25

CAMBODIA

FY 67	0
FY 68	2
FY 69	<u>0</u>
TOTAL	2

DETACHMENT G

	<u>AIRCRAFT</u>	<u>PILOTS</u>	<u>TEST</u>	<u>TRAINING</u>	<u>FERRY</u>	<u>OPERATIONAL</u>
FY 67	2.9	8/2/1	426.9	1006.9	46.5	00.0
FY 68	3.4	6/2/1	511.6	807.0	33.2	13.0
FY 69	<u>5.9</u>	<u>7/1/3</u>	<u>252.4</u>	<u>452.0</u>	<u>26.4</u>	<u>00.0</u>
TOTALS	AVG: 4.1	AVG: 7/2/2	1190.9	2265.9	106.1	13.0

DETACHMENT H

	<u>AIRCRAFT</u>	<u>PILOTS</u>	<u>TEST</u>	<u>TRAINING</u>	<u>FERRY</u>	<u>OPERATIONAL</u>
FY 67	2.4	4.5	62.3	830.3	13.3	60.3
FY 68	1.5	4.9	50.3	758.8	26.5	69.8
FY 69	<u>2.0</u>	<u>4.5</u>	<u>37.6</u>	<u>344.9</u>	<u>0.0</u>	<u>13.4</u>
TOTALS	AVG: 2.0	AVG: 4.6	150.2	1934.0	39.8	143.5

25X1

TEST PROGRAMS

FY 1967 - 1968 - 1969

[Redacted]

A TOTAL OF 401.6 FLYING HOURS WAS EXPENDED DURING FY 67, 68 AND 69 ON THE
FOLLOWING TESTS:

[Redacted]

25X

25X1



SENSORS/FILM

A TOTAL OF 297.2 FLYING HOURS WAS EXPENDED ON SENSOR/FILM TESTS DURING FY 67, 68 AND 69.

CONTINUATION TESTS IN CONJUNCTION WITH PRODUCT IMPROVEMENTS OF THE B-2 (HYCON), DELTA (ITEK), "H" OFFSET AIMING CAMERA (HYCON) [REDACTED]

OPTICAL BAR (ITEK) - INTERFACE, COMPATIBILITY AND ACCEPTANCE FLIGHTS IN U-2.

25X1

[REDACTED]
RED DOT - FILM TESTS UTILIZING VARIOUS CAMERAS.

DEPLOYMENTS

25X1

[REDACTED] - DEPLOYMENT TO JACKSONVILLE NAS, FLORIDA TO OBTAIN SELECTED PHOTO COVERAGE FOR USE IN THE SATELLITE PROGRAM.

25X1

[REDACTED] - HIGH HUMIDITY CONDITION TESTS OF U-2R AT MCCOY AFB, FLORIDA.

25X1

SCOPE SAINT - DEPLOYMENT TO [REDACTED]

SCOPE SAFE - U-2 DEPLOYMENT [REDACTED]

SWAP SHOP - U-2 FERRY FLIGHTS FROM EDWARDS AFB [REDACTED]

DEPLOYMENT AND FERRY TIMES ARE COVERED UNDER FERRY AND/OR OPERATIONAL HOURS AT DETACHMENT "G".

MISCELLANEOUS

A TOTAL OF 315.7 FLYING HOURS WERE NEEDED TO SUPPORT THE FOLLOWING TESTS/PROGRAMS
IN FY 67, 68 AND 69.

25X1

25X1

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25X1

	AERIAL PHOTOGRAPHY FOR PREDICTION OF CROP YIELDS OVER SELECTED AREAS.
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DOPPLER NAVIGATION SYSTEM TESTS

JP-5 TESTS - TO DETERMINE ACCEPTABILITY OF USING THIS FUEL IN U-2.

25X1

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25X



During FY1967 and 1968, periods of stand-downs were as follows, included is a numerical estimate of operational missions not flown as a result of these stand-downs.

<u>STANDDOWN PERIOD</u>	<u>AUTHORITY/REASONS FOR STANDDOWN</u>	<u>*ESTIMATED MISSIONS LOST</u>
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16 Oct 66 - 2 Nov 66	Presidential visit to Far East	2
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25X1

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25 Dec - 27 Dec 66	Vietnam Cease Fire Agreement	-
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4 Feb 67 - 17 Mar 67	IDEALIST/TACKLE agreement negotiations	3
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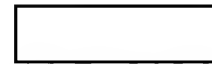
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1 Feb 68 - 9 Mar 68	303 Committee placed IDEALIST TACKLE missions on mission-by-mission approval basis during Period of tension.	3
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1 Apr 68 - 2 May 68	IDEALIST/TACKLE missions not approved by 303 Committee	3
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25X

25X1



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25X1

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9 July 68 - 1 Oct 68

IDEALIST/TACKLE missions
formerly placed on a mission-
by-mission approval basis sus-
pended by Secretary of State.

8

Estimated Missions Lost as Result of Stand-downs.

37

NOTE: Missions lost above are based on estimate that three missions per month will be flown provided there are no stand-downs imposed.

25X1

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